

# SECTION I PRODUCT IDENTIFICATION

## NAME:

**Sterling Water Soluble Flux**

## PRODUCT CODE:

(meets ASTM B313)

## Product Use:

Soldering of copper pipes, including pipes containing potable water.

## Supplier name and address:

GF Thompson Co. Ltd.

620 Steven Court

New Market, Ontario

L3Y 6Z2

(905)898-2557

EMERGENCY TELEPHONE: (905) 898-2557

## Manufacturer's name and address:

REFER To Supplier:

Tarscorp/IMACO Inc.

1690 Lowery Street

Winston-Salem, NC 27101

(336)777-8600

(800)334-5266

Revised 01/01/02

# SECTION II CHEMICAL COMPOSITION/HAZARDOUS INGREDIENTS

Ingredients	CAS#	% Weight	OSHA PEL	ACGIH TLV
Lithium Chloride	7447-41-8	1-5	5mg/m3 resp. fraction	10 mg/m3 inh. particul.
Igepal	9016-45-9	3-7	15mg/m3 total dust	3mg/m3 resp. particul.

# SECTION III HAZARDOUS IDENTIFICATION

## POTENTIAL HEALTH EFFECTS

Target organs: Skin, eyes, Lithium chloride causes adverse effects on the central nervous system.

Signs and symptoms of short-term (acute) exposure:

**Inhalation:** May be harmful if inhaled

**Skin Contact:** May cause skin irritation

**Eye Contact:** Causes eye irritation

**Ingestion:** Harmful if swallowed

Effects of long-term (chronic) exposure: Contains Lithium chloride (<5%) which has been reported to cause reproductive effects.

Other important hazards: None Reported.

# SECTION IV FIRST AID MEASURES

**INHALATION:** Remove exposed person to fresh air. Administer oxygen or artificial respiration if necessary.

**SKIN CONTACT:** Wash affected area with soap and water. Remove contaminated clothing and launder before reuse. Consult a physician if irritation persists.

**EYE CONTACT:** Immediately flush eyes with running water for at least 15 minutes. Obtain medical attention.

**INGESTION:** If swallowed, immediately call physician or poison control center.

# SECTION V FIRE FIGHTING MEASURES

Fire hazards/ conditions of flammability: Not considered flammable (by WHMIS/OSHA criteria), but since material contains flammable ingredients, it may burn when heated to high temperatures.

Flash point (Method): n/a

Lower flammable limit (% by volume): n/a

Upper flammable limit (% by volume): n/a

Explosion Data:

Sensitivity to mechanical impact: None

Sensitivity to static discharge: None

Oxidizing properties: No Data

Auto-ignition temperature: n/a

Suitable extinguishing media: This product is not flammable, use of fire extinguishing material appropriate for surrounding fires.

Special fire-fighting procedures/equipment: None

Hazardous combustion products: None

# SECTION VI ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes and clothing. Wash hands after handling.

Environmental precautions: Prevent discharge to environment.

Spill response/Cleanup: Scoop up and place in labeled container for disposal.

Prohibited materials: No data.

# SECTION VII HANDLING AND STORAGE

Safe handling Procedures: Use with adequate ventilation. Avoid overheating or freezing.

Storage requirements: Store in cool, dry, well ventilated area.

Incompatible materials: No Data

Special packaging materials: No Data

# SECTION VIII EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ventilation and engineering controls: Use with adequate ventilation. Mechanical exhaust may be needed.

Respiratory protection: Normally not required.